

Notice of Allowability

Application No.

10/774,229

Examiner

Le H. Luu

Applicant(s)

MORRIS, ROBERT PAUL

Art Unit

2141

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to papers filed on 08/21/07 and interview on 10/09/07.
2. ☒ The allowed claim(s) is/are 1-38.
3. ☒ The drawings filed on 05 February 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 20071015.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

LE HIEN LUU
PRIMARY EXAMINER

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1. An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the Issue Fee.

2. Authorization for this Examiner's Amendment was given in a telephone interview with Mr. John A. Demos on October 09, 2007 to amend claims 1, 15-29, and 38.

3. Please amend claims 1, 15-29, and 38 as stated below:

1. (Currently Amended) A method for transmitting data utilizing a plurality of communication applications simultaneously in a communication device supporting the plurality of communication applications, the method comprising:

establishing a first communication session between a user of the communication device and a recipient via a first communication application supported by the communication device;

invoking a second communication application to transmit data to the recipient via the second communication application during a communication session concurrent with the first communication session, the second communication application invoked in response to user input representing at least one of requesting the invoking of the second communication application and submitting a data transmission request without specifying any recipient's communication information; and

in response to invoking the second communication application, automatically retrieving, from a profile corresponding to the recipient, communication information including an address related to the recipient and necessary to establish the concurrent communication session with the recipient via the second communication application.

15. (Currently Amended) A computer readable storage medium containing program instructions for transmitting data utilizing a plurality of communication applications simultaneously in a communication device supporting the plurality of communication applications, the program instructions for:

establishing a first communication session between a user of the communication device and a recipient via a first communication application supported by the communication device;

invoking a second communication application to transmit data to the recipient via the second communication application during a communication session concurrent with the first communication session, the second communication application invoked in response to user input representing at least one of requesting the invoking of the second communication application and submitting a data transmission request without specifying any recipient's communication information; and

in response to invoking the second communication application, automatically retrieving, from a profile corresponding to the recipient, communication information including an address related to the recipient and necessary to establish the concurrent communication session with the recipient via the second communication application.

16. (Currently Amended) The computer readable storage medium of claim 15 further including:

transmitting data to the recipient via the second communication application while the first communication session continues uninterrupted.

17. (Currently Amended) The computer readable storage medium of claim 15 wherein the retrieving instruction further includes:

determining whether the first communication session is ongoing;

returning communication information used to establish the first ongoing session;

and

utilizing the returned communication information to retrieve the related communication information.

18. (Currently Amended) The computer readable storage medium of claim 15, wherein the retrieving instruction further includes:

retrieving the related communication information from a profile corresponding to the recipient, wherein the profile includes communication information necessary to establish a connection with the recipient via any of the plurality of supported communication applications.

19. (Currently Amended) The computer readable storage medium of claim

18, wherein the profile is stored in a database in memory in the communication device.

20. (Currently Amended) The computer readable storage medium of claim 18, wherein the profile is stored in a database in a remote server accessible by the communication device.

21. (Currently Amended) The computer readable storage medium of claim 18, wherein the retrieving instruction further includes:

submitting a query to retrieve the related communication information, wherein the query includes, as an input parameter, communication information used to establish the first communication session via the first communication application;

identifying the profile corresponding to the recipient using the input parameter;
and

selecting, from the identified profile, the appropriate communication information necessary to support a connection via the second communication application.

22. (Currently Amended) The computer readable storage medium of claim 18 further including:

after establishing the first communication session, receiving a profile corresponding to the recipient from the recipient's communication device;

automatically updating an existing profile for the recipient, if one exists; and

storing the recipient's profile in memory.

23. (Currently Amended) The computer readable storage medium of claim 22 further comprising:

requesting the recipient's profile from the recipient's device prior to receiving a profile corresponding to the recipient.

24. (Currently Amended) The computer readable storage medium of claim 22 further comprising:

transmitting a profile corresponding to the user to the recipient device.

25. (Currently Amended) The computer readable storage medium of claim 16 further comprising:

prior to the transmitting instruction, returning the related communication information to the second communication application, wherein the second communication application uses the related communication information to establish the concurrent communication session.

26. (Currently Amended) The computer readable storage medium of claim 15, wherein the invoking instruction includes:

initiating by the user the second communication application directly.

27. (Currently Amended) The computer readable storage medium of claim

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15, wherein the invoking instruction includes:

requesting by the user to transmit data;
selecting by the user data to be transmitted; and
automatically invoking the second communication application suitable for transmitting the data selected by the user.

28. (Currently Amended) The computer readable storage medium of claim 15, wherein communication information includes phone numbers, email addresses and dynamically assigned IP addresses.

29. (Currently Amended) A communication device supporting a plurality of communication applications comprising:

means for allowing a user to establish a first communication session with a recipient via a first communication application supported by the communication device;

means for invoking a second communication application to transmit data to the recipient via the second communication application during a communication session concurrent with the first communication session, the second communication application invoked in response to user input representing at least one of requesting the invoking of the second communication application and submitting a data transmission request without specifying any recipient's communication information; and

an integration module, responsive to the means for invoking, for automatically retrieving, from a profile corresponding to the recipient, communication information

including an address related to the recipient and necessary to establish the concurrent communication session with the recipient via the second communication application.

38. (Currently Amended) A method for exchanging data utilizing a plurality of communication applications simultaneously in at least two communication devices, wherein each of the at least two communication devices supports the plurality of communication applications, the method comprising:

establishing a first communication session between a first party using a first communication device and a second party using a second communication device via a first communication application supported by the first communication device;

invoking a second communication application in either the first or second communication device in response to user input representing at least one of requesting the invoking of the second communication application and submitting a data transmission request without specifying any recipient's communication information by a sending party to transmit data to a receiving party via the second communication application during a communication session concurrent with the first communication session, wherein the sending party is either the first party or the second party and the receiving party is a counterpart of the sending party;

in response to invoking the second communication application by the sending party, automatically retrieving communication information from a profile corresponding to the receiving party, the communication information including an address related to the receiving party and necessary to establish the concurrent communication session

with the receiving party via the second communication application; and

transmitting data to the receiving party via the second communication application while the first communication session continues uninterrupted.

4. Pursuant to MPEP 606.01, the title has been changed to read:

-- A SYSTEM FOR TRANSMITTING DATA UTILIZING MULTIPLE COMMUNICATION APPLICATIONS SIMULTANEOUSLY IN RESPONSE TO USER REQUEST WITHOUT SPECIFYING RECIPIENT'S COMMUNICATION INFORMATION --

5. Examiner interprets the limitation "computer readable storage medium" as a device that stores computer instructions and participates in providing the computer instructions to a computer processor for execution. The computer readable storage medium includes non-volatile media, volatile media, computer storage devices and memories. For example, optical or magnetic disks, ROMs, PROMs, EPROMs, EEPROMs, RAM, hard disks, CDs, DVDs. The "computer readable storage medium" does not include acoustic or electromagnetic waves, such as those generated during radio-wave, infra-red, and optical data communications.

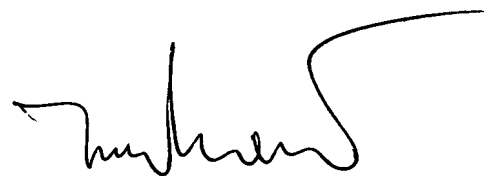
6. Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Le H. Luu whose telephone number is 571-272-3884. The examiner can normally be reached on 7:00am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on 571-272-3880. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



LE HIEN LUU
PRIMARY EXAMINER